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CKMT2, 40-419aa, Human, His tag, E.coli

产品货号: TP01632

第三版

别名: Creatine kinase S-type, mitochondrial, SMTCK

描述: CKMT2, as known as SMTCK, belongs to the ATP:guanido phosphotransferase family. SMTCK is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. This enzyme is reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate).

配方: Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 100mM NaCl

分子量: 46.1kDa (405aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMEVREQPRLFPPSADYPDLRKHNNCMAECLTPAIYAKLRNKVTPNGYTLDDQCIQ
TGVDNPGHPFIKTVGMVAGDEESYEVFADLFDVPVILKLRHNGYDPRVMKHTTDL DASKITQQGFDEHYVLSSRVRTGRSIR
GLSLPPACTRAERREVENVAITALEGLKGDLAGRYKLSMTEQDQQLIDDHFLDKPVSPLLTCAGMARDWPDARGIW
HNYDKTFLIWINEEDHTRVISMEKGGNMKRVFERFCRGLKEVERLIQERGWEFMWNRLGYILTCPSNLGTGLRAGVHV
RIPKLSKDPRFSKILENLRLQKRGTTGGVDTAAVADVVDISNIDRIGRSEVELVQIVIDGVNYLVDCEKKLERGQDIKVPPLP
QFGKK

纯度: > 95% by HPLC

浓度: 1mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.